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- Work Assignment Form (WebForms v1 0)

Statement of Work

I. Title: Mobile Source Emission Inventory Development FY15

Contractor Name: Eastern Research Group (ERG)

Contract #: EP-D-11-006

WA #: 5-05

II. Work Assignment Contracting Officer's Representative (WACOR):

Laurel Driver

U.S. Environmental Protection Agency (EPA)

US EPA OAQPS (C339-02)

109 TW Alexander Drive

RTP, NC 27711

Phone: (919) 541-2859

Fax: (919) 541-0684

ALT: WACOR

Jennifer Snyder

U. S. Environmental Protection Agency

US EPA OAQPS (C339-02)

109 TW Alexander Drive

RTP, NC 27711

Phone: (919) 541-3003

Fax: (919) 541-0684

III. Background:

The Emission Inventory and Analysis Group (EIAG) annually produces the National Emission Inventory (NEI). These data are needed by states, tribal, and local agencies to evaluate emissions trends in each State and to compare emission trends between geographic areas. The NEI is also used as a basis for various EPA modeling and regulatory analyses. The NEI uses the Emission Inventory System (EIS), that aids in the collection and distribution of inventory information.

The purpose of this work assignment is to continue support on the NEI, particularly on work related to the mobile sources sector of the NEI. This work assignment will assist in inventory preparation and distribution methods that evolve in the EIS development process.

IV. Description and Tasks:

Task #1: Work Plan

The Contractor shall develop a new work plan and cost estimate. The Contractor shall hold conference calls with the WACOR on a regular basis after approval of the work plan to plan and review progress of this WA.

Task #2: Complete unfinished work under previous WA 4-01
The contractor shall complete any work remaining under previous WA 4-01.

V. **Deliverables:**

Deliverable	Due Date
Work Plan	20 calendar days after the effective date of the work assignment
Monthly progress reports	Ongoing
Information requests	Ongoing
Individual task deliverables	To be determined
Documentation	To be determined

EDA	United States Env	vironmental Protec /ashington, DC 20		Work Assignment Number 5-05						
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Work Assignn	nent Amendment				Walleton Action to the co					
X Work Plan Approval From 04/01/2015 To 03/3										
Comments: The work plan dated 04/08/2015 has been reviewed and we concur with the labor mix, technical hours (2,405), ODCs, total estimated cost \$204,956.00 and completion date 03/31/2016.										
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Project Officer Name Margaret			ch/Mail Code:	·						
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Work Assignment Form. (WebForms v1.0)

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Work Assignment Form. (WebForms v1.0)

ATTACHMENT

Work Assignment Title:

Mobile Source Emission Inventory Development FY15

Contract #:

EP-D-11-006

Contractor:

ERG

WA#:

5-05 1

WA Change #: WAM:

Laurel Driver

Add the following tasks:

• The contractor shall run the NONROAD model (nonroad engines, equipment, and vehicles) via the National Mobile Inventory Model (NMIM) for base year 2040. This will be a national NMIM for all counties, Puerto Rico (PR) and the Virgin Islands (VI). The contractor shall use the latest National Emissions Inventory (NEI) 2011 Version 2 National County Database (NEI 2011v2 NCD), replacing fuels (countyyearmonth, gasoline, and diesel) and meteorology tables with those supplied by the Office of Transportation and Air Quality (OTAQ). The contractor shall supply the model results one month after EPA provides the necessary model input parameters. The contractor shall process the output into the form needed by the Sparse Matrix Operator Kernel Emissions (SMOKE) modeling system and provide a summary memo describing runs specifications. The contractor shall provide run specifications prior to the commencement of that model run.

		Uı	United States Environmental Protection Agency Washington, DC 20460							Work Assignment Number 5−05			
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